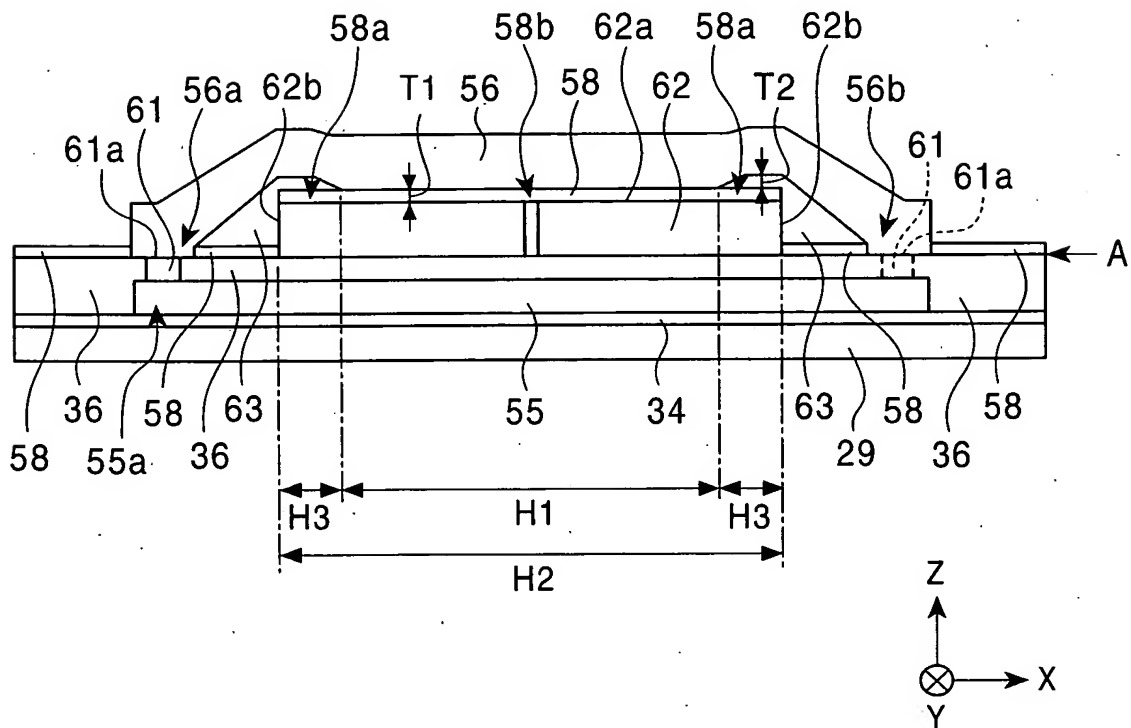


This diagram shows a cross-sectional view of a magnetic recording medium assembly. The assembly consists of a substrate 20 with a series of layers: 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 36, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. The layers are separated by interfaces 21a, 22a, 23a, 24a, 25a, 26a, 27a, 28a, 29a, 31a, 32a, 33a, 34a, 36a, 38a, 39a, 40a, 41a, 42a, 43a, 44a, 45a, 46a, 47a, 48a, 49a, 50a, 51a, 52a, 53a, 54a, 55a, 56a, 57a, 58a, 59a, 60a, 61a, 62a, 63a, 64a, 65a, 66a, 67a, 68a, 69a, 70a, 71a, 72a, 73a, 74a, 75a, 76a, 77a, 78a, 79a, 80a, 81a, 82a, 83a, 84a, 85a, 86a, 87a, 88a, 89a, 90a, 91a, 92a, 93a, 94a, 95a, 96a, 97a, 98a, 99a, 100a. The top surface is labeled 'SURFACE FACING RECORDING MEDIUM'. A coordinate system is shown at the bottom right with Z pointing up, Y pointing right, and X pointing out of the page.

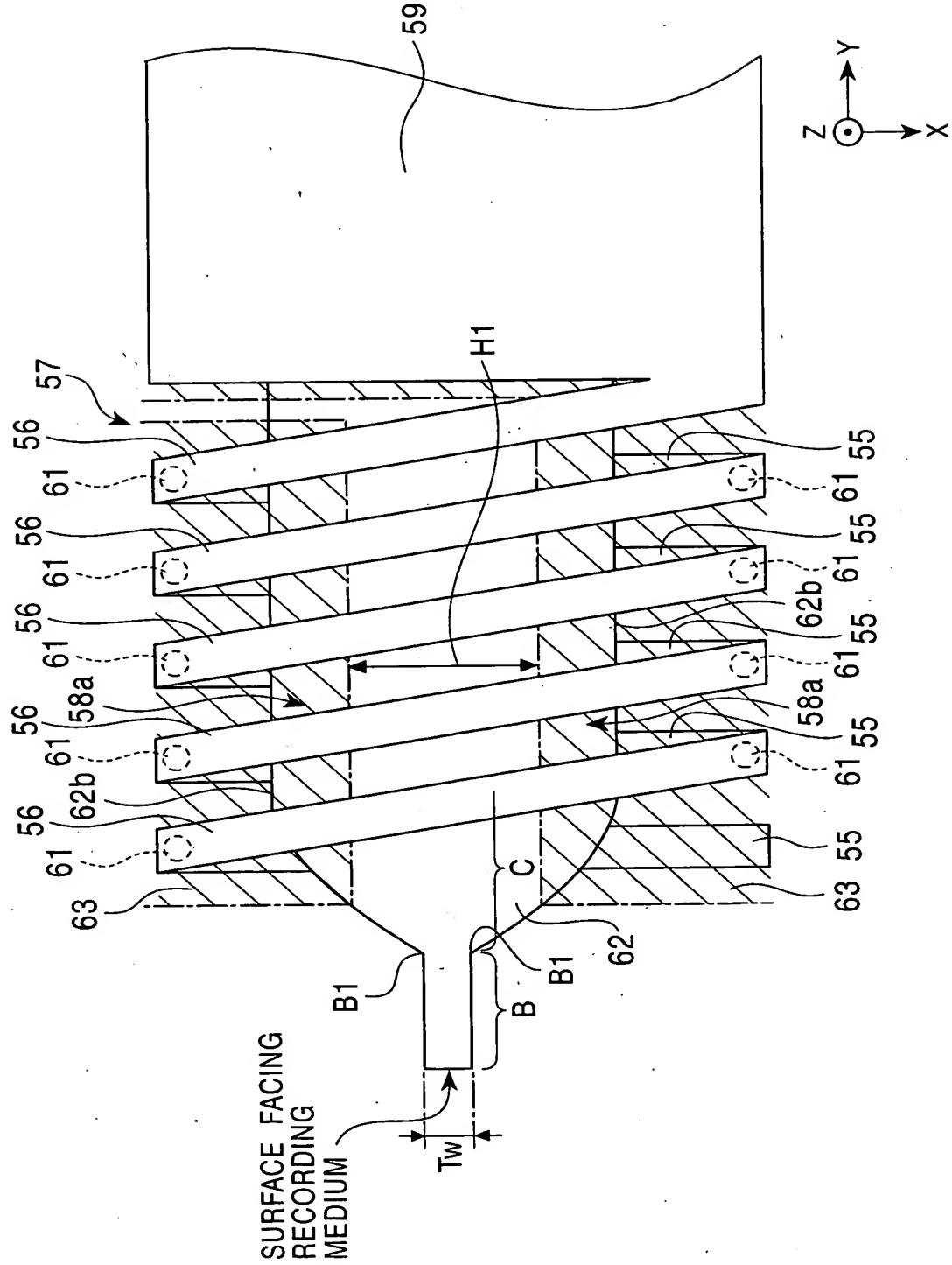
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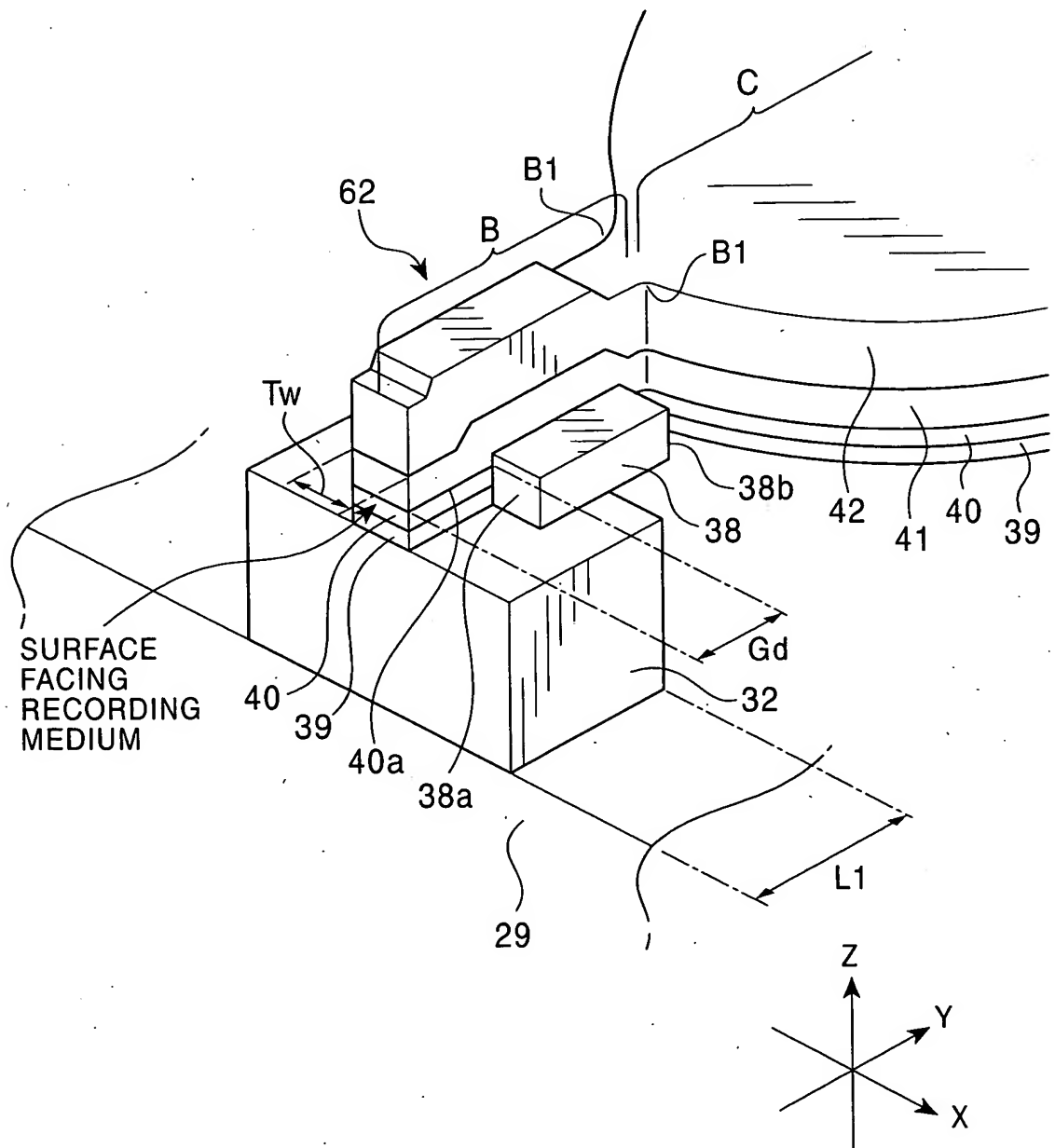
FIG. 2



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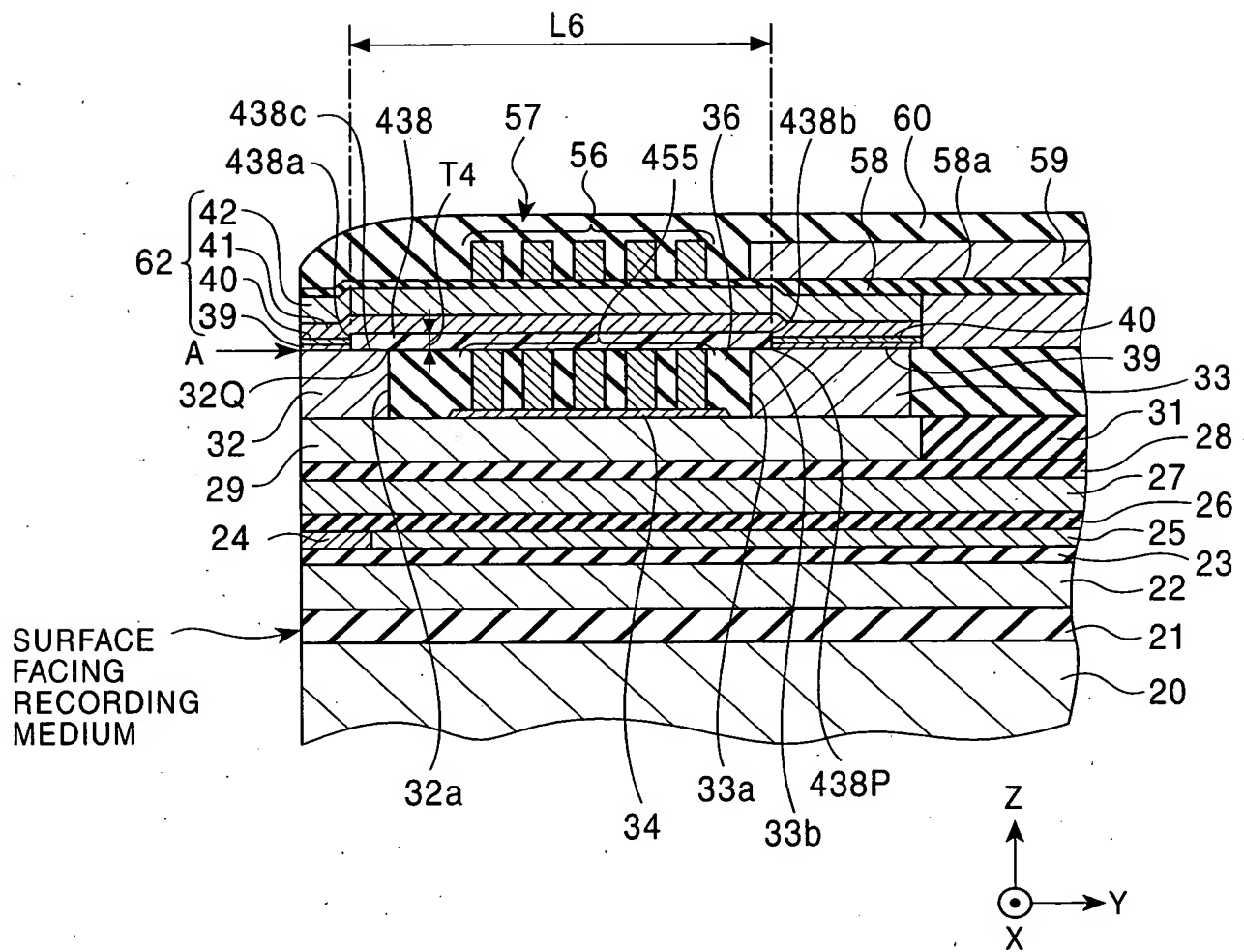
FIG. 3





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FIG. 6



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FIG. 7

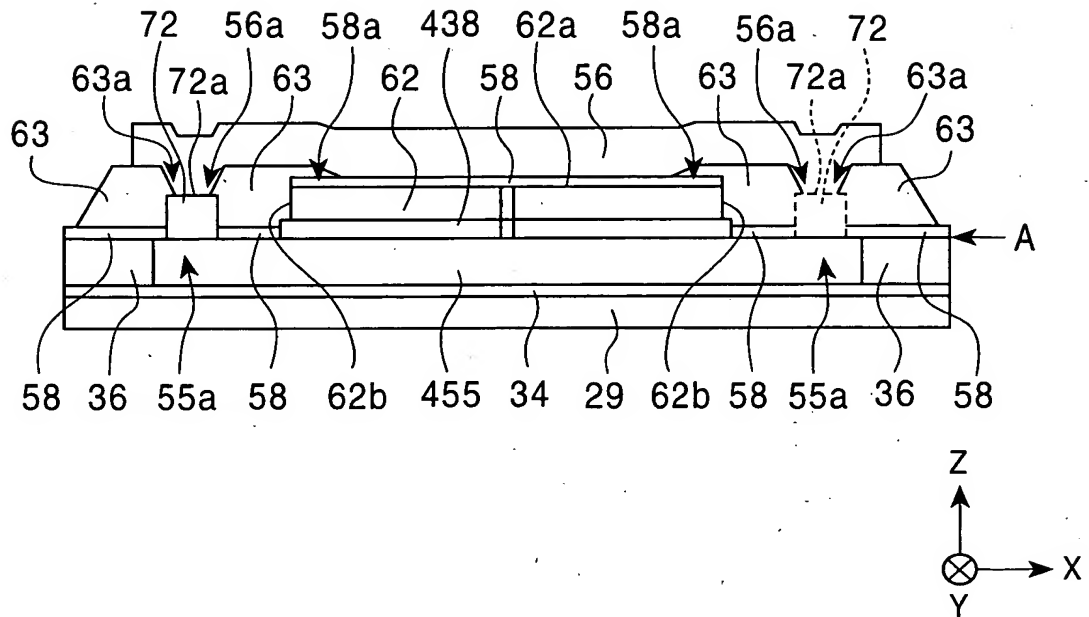
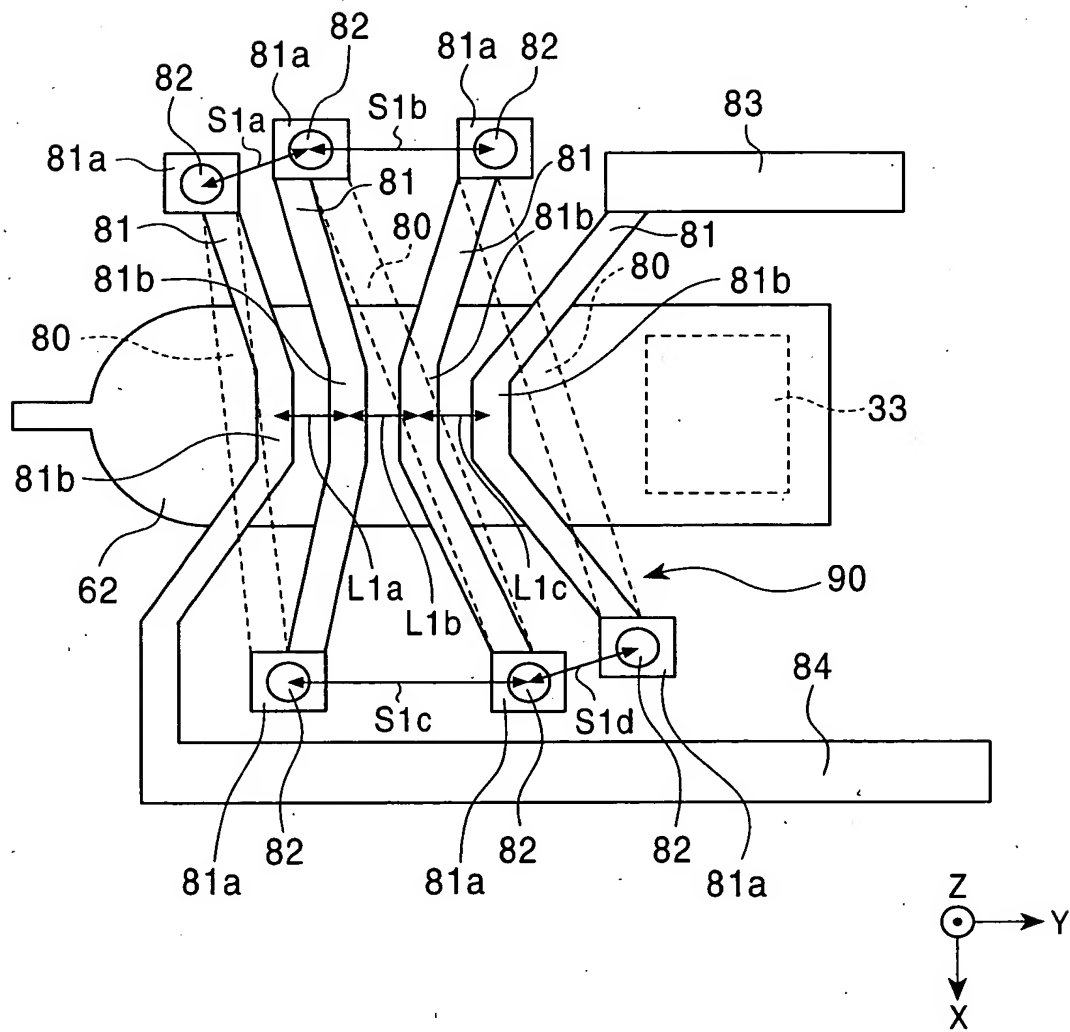
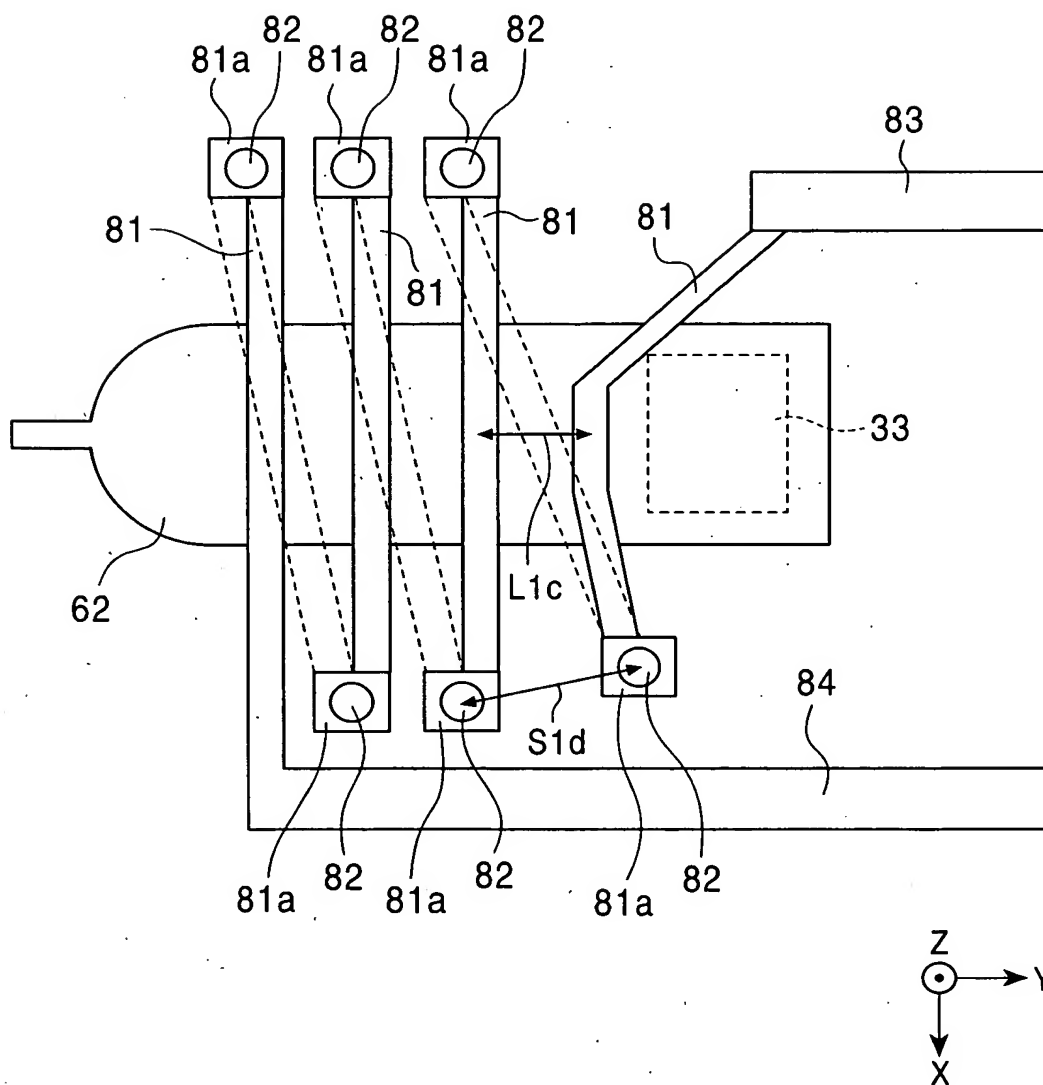


FIG. 9



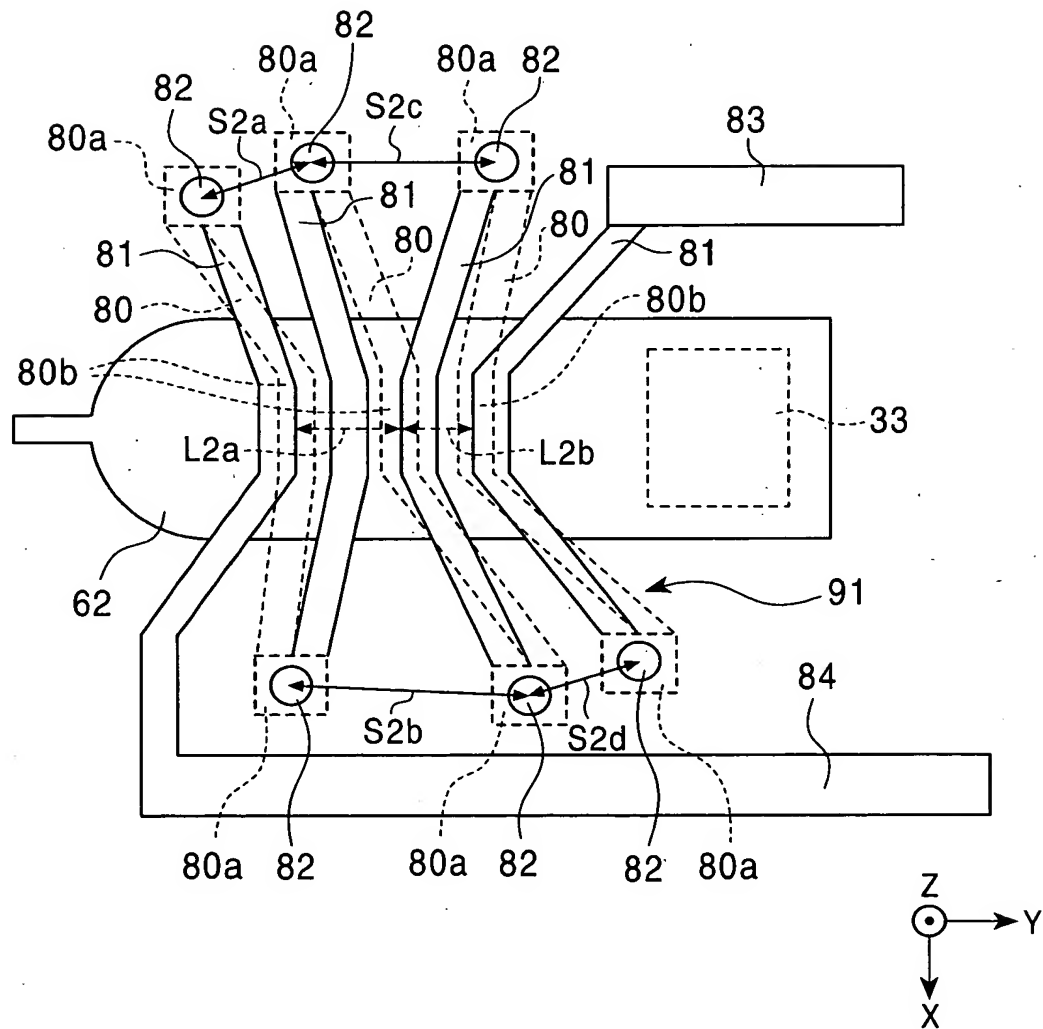
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FIG. 10



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FIG. 11



[illegible]

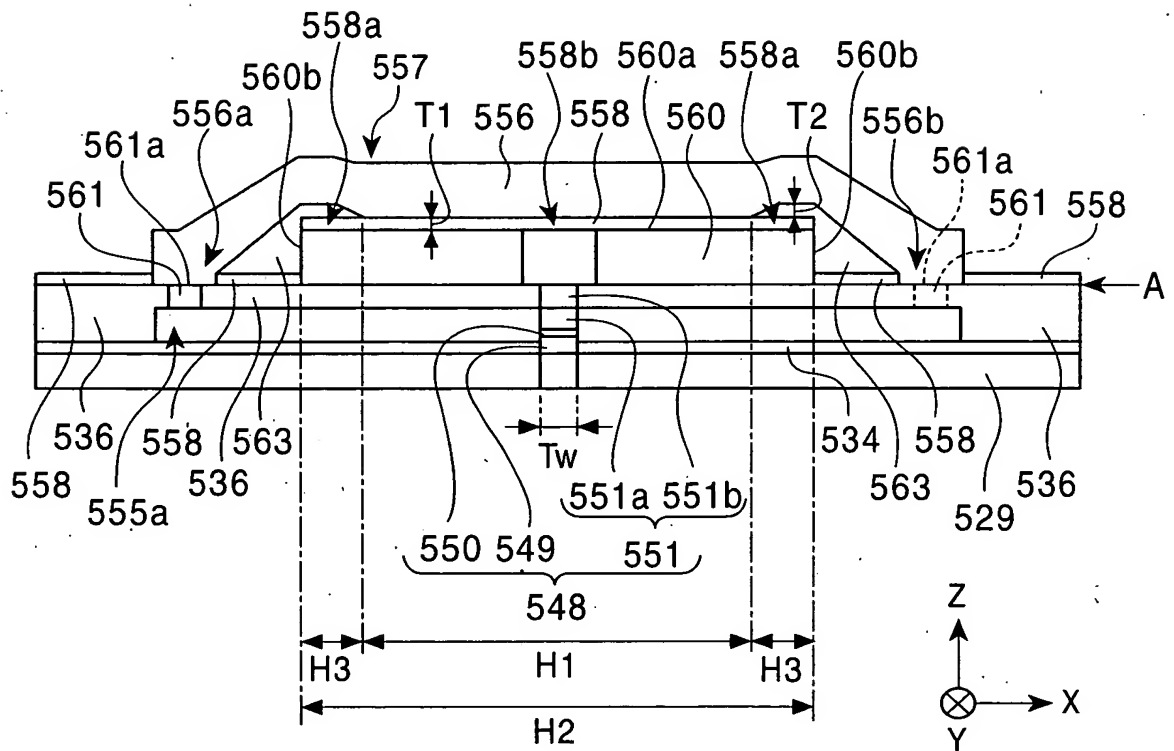
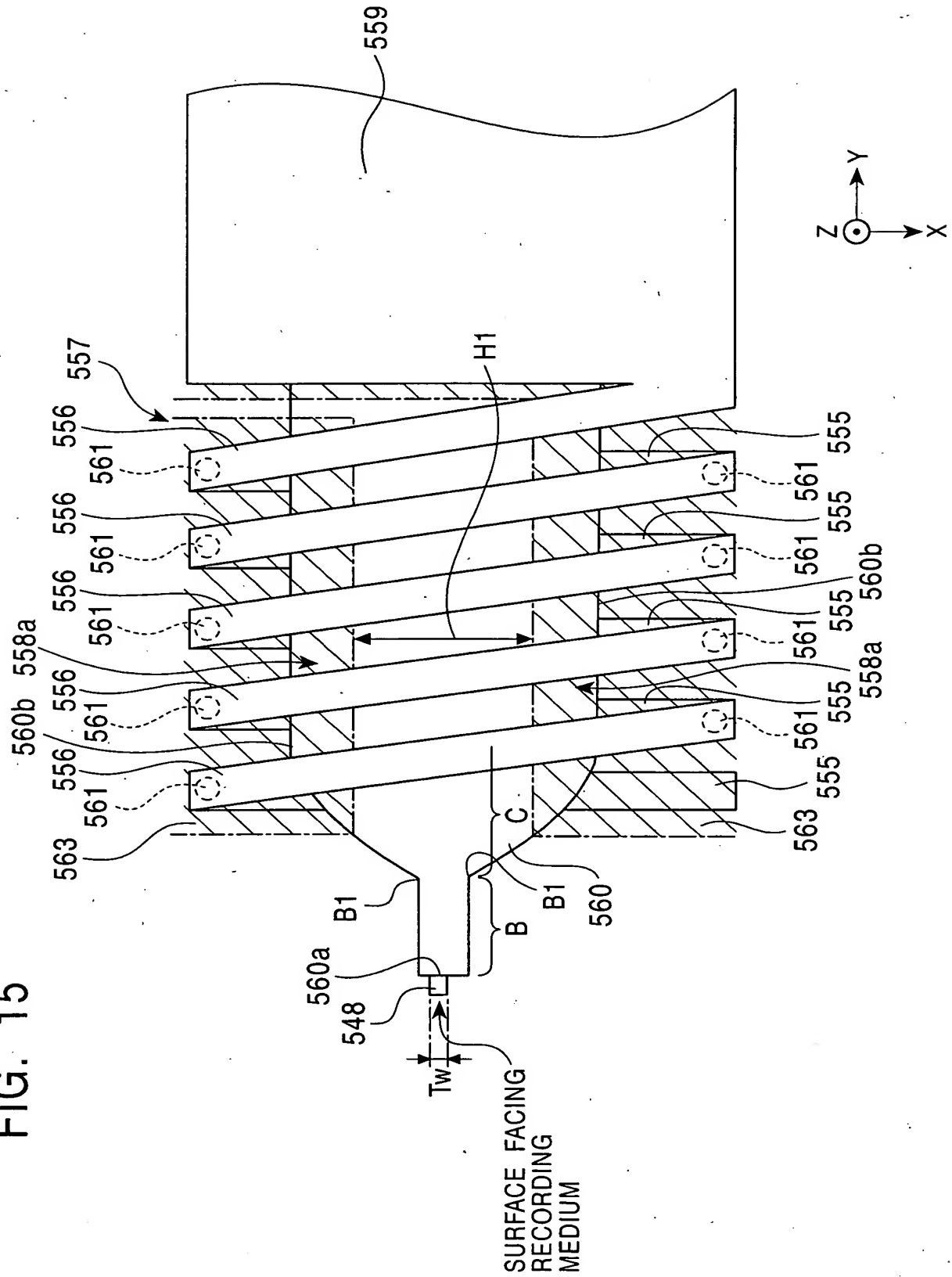


FIG. 15



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FIG. 16
PRIOR ART

